

Low Beta Turn on Checklist

- 1) Check QPM parameters vs. *COL on Page C32 [Compare Parameters]
- 2) Auto zero Clocks and Scalers on Page C31. [Auto Zero]
- 3) On Page C30, check that cell voltages, resistive voltages, power lead voltages, measured currents, and calculated and resistive IDOTS read zero. (Cell volts, resistive volts and power leads should read < 0.01).
- 4) Perform a Low Beta HFU test on Page T27. [HFU Test]
- 5) Check that there are refrigerator permits on Page T25.
- 6) Plot the references and output currents of the Low Beta circuits.
- 7) Close power supply contactors and reset Low Beta power supplies on Page T21. [Contactors On]
- 8) When then references are at or below 150 GeV, send a QPM reset to the Low Betas from Page T25. [QPM Reset]
- 9) Reset extremes on Pages C32 and T22.
- 10) Turn on bulk supplies A4, B0, B1 and/or C4, D0, D1.
- 11) On T25 Lowbeta do a "STATUS RESET".
- 12) Activate alarms "B0ACCESS" and/or "D0ACCESS".
- 13) Verify Alarms screen clear.
- 14) Reset the Tevatron abort. Once it clears you will be ready for a Dry Squeeze.